

AbstractJEWELLERY ALLOY COMPOSITIONS

A jewellery alloy, having a substantially purple hue  
5 and sufficient toughness to withstand Rockwell B hardness  
testing with a 100 kg load without shattering, comprises 76  
to 83.5 wt% gold and 16.5 to 21.5 wt% aluminium. In one  
embodiment, the alloy consists of more than 78.5 wt% gold  
(but not more than 83.5 wt%) and a balance of aluminium.  
10 In another embodiment, the alloy comprises an additional  
element selected from palladium and nickel.

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